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 368 ATTATTGAGTAAAGGCTTTTCATGATTTTAAATGAGAGCTGCTC 417  
 134 IsTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 150  
 418 AATGGCAGCTGGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 447  
 151 AsnGlyThrValHisLeuSerCysGlnGluLysGlnAsnSerValCysTr 157  
 468 CTGGCATCAGCTTTCTTTTAAAGAAAGAAAGAAAGAAAGAAAGAA 517  
 167 TCysHisAlaGlyPheGlnGluArgGlnGlnCysValSerCysSerA 184  
 518 ATGTAAAGAAAGGCTGAGATGATGATGATGATGATGATGATGATG 567  
 184 sCysLysLysSerLeuGlnCysThrLysLeuCysLeuProGlnIleGlu 200  
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seq\_name: /csp2\_f/protdata/2/134/998a\_09B pep: 09-050-319B 25

seq\_documentation\_block:

; Sequence 25, Application US/08050319B

; Patent No. 5633145

; GENERAL INFORMATION:

; APPLICANT: M. Feldmann, P. W. Gray,

; APPLICANT: M.J.C. Turner, F.M. Brennan

; TITLE OF INVENTION: Modified human TNFalpha (Tumor

; TITLE OF INVENTION: Necrosis Factor alpha) Receptor

; NUMBER OF SEQUENCES: 57

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Reed & Robbins

; STREET: 635 Bryant Street

; CITY: Palo Alto

; STATE: California

; COUNTRY: USA

; ZIP: 94301

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentLib Release #1.0, version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: 09-050-319B

; FILING DATE: 10-May-1993

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Robbins, Robert L.

; REGISTRATION NUMBER: 33,208

; REFERENCE/DOCKET NUMBER: 5190-0000

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 617-8994

; TELEFAX: (415) 327-3231

; INFORMATION FOR SEQ. ID NO. 25:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 455 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

US-09-050-319B-25

alignment\_scores:

Quality: 1117.50 Length: 211

Ratio: 5.588 Gaps: 1

Percent Similarity: 94.787 Percent Identity: 94.787

alignment\_block:

US-09-525-998a-11 x US-08-050-319B-25

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 1 ATGGGCTCTTCAGAGTGGTGGATGCTGCTGCTGCTGCTGCTGCTGCTG 50  
 1 MetGlyLeuSerThrValProAspLeuLeuLeuLeuLeuProLeuValLeuLeu 17  
 51 GCTGTCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 87  
 17 sLeuLeuValGlyIleTyrHisSerGlyValIleGlyLeuValProHisL 34  
 88 .....GATAGTGTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 117  
 34 euGlyAspArgGlnLysArgAspSerValCysProGlnGlyLysTyrIle 50  
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 51 HisProGlnAsnAsnSerIleGlyGlySerGlyGlySerGlyGlySerGly 67  
 168 CTCTACAAACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 217  
 67 sLeuLysAsnAspSerGlyProGlyProGlyProGlyProGlyProGly 84  
 218 CTCAAGAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 267  
 84 ysGlnSerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 190  
 268 AATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 317  
 101 SerCysSerLysCysGlnGlyGlnGlyGlnGlyGlnGlyGlnGlyGln 117  
 318 CACAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 367  
 117 sThrValAspArgAspThrValCysGlyCysArgLysAsnGlnTyrArgH 134  
 368 ATTATTGAGTAAAGGCTTTTCATGATTTTAAATGAGAGCTGCTC 417  
 134 IsTyrTrpSerGluAsnLeuPheGlnCysPheAsnCysSerLeuCysLeu 150  
 418 AATGGCAGCTGGCAGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 447  
 151 AsnGlyThrValHisLeuSerCysGlnGluLysGlnAsnSerValCysTr 157  
 468 CTGGCATCAGCTTTCTTTTAAAGAAAGAAAGAAAGAAAGAAAGAAAG 517  
 167 TCysHisAlaGlyPheGlnGluArgGlnGlnCysValSerCysSerA 184  
 518 ATGTAAAGAAAGGCTGAGATGATGATGATGATGATGATGATGATGATG 567  
 184 sCysLysLysSerLeuGlnCysThrLysLeuCysLeuProGlnIleGlu 200  
 568 AATGTTAAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 600  
 201 AsnValLysGlyThrGluAspSerGlyThrThr 211

seq\_name: /csp2\_f/protdata/2/134/998a\_09B pep: 09-050-319B 25

seq\_documentation\_block:

; Sequence 25, Application US/08050319B

; Patent No. 5665859

; GENERAL INFORMATION:

; APPLICANT: WALLACH, David

; APPLICANT: HAKHUSCH, Cord

; APPLICANT: VARDOLOMEV, Eugene

; APPLICANT: BAIKIN, Michael

; TITLE OF INVENTION: MOLECULES INFLUENCING THE SUEDDING OF

; TITLE OF INVENTION: THE TRP RECEPTORS, THEIR PREPARATION AND THEIR USE

; NUMBER OF SEQUENCES: 42

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BROADY AND NEIMARK

; STREET: 419 Seventh Street, N.W., Suite 300

; CITY: Washington

; STATE: D.C.

; COUNTRY: USA













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94 SerCysSerLysCysArgLeuGlyGluValGluAlaLeuSerSerCys 115
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318 CATAGTCACCGGACACACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 367
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115 SThrValAspArgAspThrValCysGlyCysArgGlySerGlnTrpArgH 132
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368 ATTATTGATGAAAGCTTTTTCAGTGTCTTCAATTGACAGACATCGCTC 417
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seq\_name: us-09-525-998a-11.rai FA\_MM bp 58 64 48 48 48

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seq_documentation_block:
; Sequence 48, Application US/08050319B
; Patent No. 5633145
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, P.M. Brennan
; TITLE OF INVENTION: Modified human TNFalpha (tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Reed & Robbins
; STREET: 635 Bryant Street
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentio Release #1.0, version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/050,319B
; FILING DATE: 10-May-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Feldmann, P.W. Gray
; REGISTRATION NUMBER: 33,208
; REFERENCE/DOCKET NUMBER: 5150-0030
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 617-8999
; TELEFAX: (415) 327-3231
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 199 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-050-319B-48

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alignment_scores:
Quality: 1049.50 Length: 199
Ratio: 5.612 Gaps: 1
Percent Similarity: 93.970 Percent Identity: 93.970
alignment_block:
us-09-525-998a-11 v us-09-050-319B-48
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1 MotGlySerGlySerPheThrAlaSerGluAsnHisLeuArgHisCysLeu 17
51 GCTGCTCCCAAAAGCCCAAGAAATGCGTCAGGTGGAGATCTCTCTTC 87
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17 GLeuLeuValGlyTrpSerGlyValIleGlyLeuValPheHisL 34
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88 .....GATAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 117
|||||
34 GGLyAspArgGlyCysArgGlyCysArgGlySerGlnTrpArgH 50
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118 GAGGCTGAAAGCTTTTTCAGTGTCTTCAATTGACAGACATCGCTC 167
|||||
51 rCysHisAlaGlyPhePheLeuArgGluAsnGluCysValSerCysSerA 67
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268 AGTGTCTTCAAAATGCGGAAAGCAATGATGATGATGATGATGATGATGATG 417
|||||
101 SerCysSerLysCysArgLeuGlyGluValGluAlaLeuSerSerCys 417
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318 CATAGTCACCGGACACACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 467
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117 SThrValAspArgAspThrValCysGlyCysArgGlySerGlnTrpArgH 134
|||||
368 ATTATTGATGAAAGCTTTTTCAGTGTCTTCAATTGACAGACATCGCTC 417
|||||
134 LstyTrpSerGluAsnLeuPheGlnCysGlyCysAsnGlySerLeuGly 150
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418 AATGGACCGGCGACCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 467
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151 AsnGlyThrValHisLeuSerCysGlnGluSerGlnAsnThrValCysTh 167
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468 CTGCAATGACAGCTTCTTCTTCAAGACAAACAGACGAGTGTCTGCTGCT 517
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seq_name: us-09-525-998a-11.rai FA_MM bp 58 64 48 48 48
seq_documentation_block:
; Sequence 48, Application US/08455982
; Patent No. 5633196
; GENERAL INFORMATION:
; APPLICANT: M.Feldmann, P.W. Gray,
; APPLICANT: M.J.C. Turner, P.M. Brennan
; TITLE OF INVENTION: Modified human TNFalpha (tumor
; TITLE OF INVENTION: Necrosis Factor alpha) Receptor
; NUMBER OF SEQUENCES: 57
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Reed & Robbins

```

STREET: 635 Bryant Street  
CITY: Palo Alto  
STATE: California  
COUNTRY: USA  
ZIP: 94301  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Pascal In Release #1.0, version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/88/465,982  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/88/050,519  
FILING DATE: 10-May-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Robbins, Roberta L.  
REGISTRATION NUMBER: 33,208  
REFERENCE/DOCKET NUMBER: 5150-0030  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 617-8999  
TELEFAX: (415) 327-3231  
INFORMATION FOR SEQ ID NO: 48:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 199 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-465,982-48

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alignment_scores:
  Quality: 1049.50
  Ratio: 5.612
  Percent Similarity: 93.970
  Length: 199
  Caps: 1
  Percent Identity: 93.970

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alignment\_block: US-09-525-998A-11 x US-08-465-982-48

Align seq 1/1 to: US-08-465-982-48 from: 1 to: 199

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67 IleuTyrAsnAspCysProCylProCylGlnAspThrAspCysArgGluC 84  
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268 AGCTGCTCCAAATCCGCAAAAGCAAAATGGGTCAGCTGGACATCTCTCTG 317  
101 SerCysSerLysCysArgLysGluMetGlyGlnValGluIleSerSerCyl 117  
318 TACAGTGGACGGGACACCGCTGCTGCTGCTCCAGGAACAACCCACTACCGGC 367

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